

App. Ser. No. 10/764,509
Amendment dated Apr. 23, 2007
Reply to Office action of Dec. 21, 2006

Docket No. AB-1634-1D US
(Ref. No. LW6001US/HJ)

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the Application:

Listing of Claims:

1-17. (Cancelled)

18. (Currently Amended) A display device, comprising:

a display panel displaying an image;

a first connecting member attached to a first portion of a front plane of the display panel;

a first printed circuit board (PCB) comprising a source PCB closely attached to a rear plane of the display panel and electrically coupled to the display panel through the first connecting member, the first connecting member being attached to a first portion of the first PCB;

~~a second connecting member attached to a second portion of the first PCB; and,~~

a second PCB comprising a driving circuit PCB closely attached to the rear plane of the display panel and having a first portion electrically connected to the first PCB ~~through the second connecting member, the second connecting member attached to a first portion of the second PCB without using a separate connecting member.~~

19. (Previously Presented) The display device of claim 18, wherein the first connecting member is attached to a first edge of the display panel.

20. (Currently Amended) The display device of claim 19, wherein the first connecting member comprises ~~comprises~~ a tape carrier package (TCP).

21. (Previously Presented) The display device of claim 20, wherein the TCP comprises an driver integrated circuit (IC).

22. (Currently Amended) The display device of claim 18, wherein the first PCB consists exclusively of a wiring pattern for signal transmission ~~is a source PCB.~~

23. (Currently Amended) The display device of claim 22, wherein the first connecting member is attached to a first edge of the source PCB and the second PCB connecting member is attached to a second edge of the source PCB.

24. (cancelled).

25. (Currently Amended) The display device of claim 18, wherein the display panel includes a plurality of source drivers and gate drivers, and wherein the source drivers and gate drivers are all disposed on the second PCB is a control PCB.

26. (Currently Amended) The display device of claim 25, wherein the ~~control~~ second PCB generates a timing signal for the display panel.

27. (Previously Presented) The display device of claim 18, further comprising a third connecting member attached to a second portion of the display panel.

28. (Currently Amended) The display device of claim 27, wherein the third connecting member comprises ~~comprises~~ [[is]] a tape carrier package (TCP).

29. (Previously Presented) The display device of claim 28, wherein the TCP comprises a driving integrated circuit (IC).

30. (Previously Presented) The display device of claim 27, further comprising a third PCB electrically connected to the display panel through the third connecting member.

31. (Currently Amended) The display device of claim 30, wherein the third PCB comprises ~~comprises~~ [[is]] a gate PCB.

32. (Cancelled)

33. (Currently Amended) The display device of claim 18, further comprising a signal converting unit electrically connected to the second PCB through a second ~~[[third]]~~ connecting member, the signal converting unit being operable to convert an externally provided analog video signal externally provided into a digital video signal and to provide the converted signal to the second PCB.

34. (Currently Amended) The display device of claim 33, further comprising a mold frame receiving container receiving the display panel, wherein the signal converting unit and the second PCB are ~~[[is]]~~ closely attached to a rear plane of the mold frame receiving container through a recurvate bending of the first connecting member.

35. (Currently Amended) The display device of claim 33, wherein the second ~~[[third]]~~ connecting member comprises an upper socket formed on an end portion of the second PCB and a lower socket formed on an end portion of the signal converting unit, the upper socket and the lower socket corresponding to each other.

36. (Currently Amended) The display device of claim 33, wherein the second ~~[[third]]~~ connecting member comprises a biting connector formed on an end portion of the second ~~[[third]]~~ connecting member, the biting connector corresponding to an end portion of the second PCB.

37. (New) A display device, comprising:
a display panel for displaying an image;
a first connecting member attached to a first portion of the display panel;
a first printed circuit board (PCB) electrically coupled to the display panel through the first connecting member, the first connecting member being attached to a first portion of the first PCB;
a second connecting member attached to a second portion of the first PCB;
a second PCB electrically connected to the first PCB through the second connecting member, the second connecting member attached to a first portion of the second PCB;
a signal converting unit electrically connected to the second PCB to convert an externally

provided analog video signal into a digital video signal and to provide the converted signal to the second PCB; and,

a receiving container receiving the display panel, the signal converting unit being closely attached to a rear plane of the receiving container.

38. (New) The display device of claim 37, wherein the signal converting unit is electrically connected to the second PCB through a third connecting member.

39. (New) The display device of claim 38, wherein the third connecting member comprises an upper socket formed on an end portion of the second PCB and a lower socket formed on an end portion of the signal converting unit, the upper socket and the lower socket corresponding to each other.

40. (New) The display device of claim 38, wherein the third connecting member comprises a biting connector formed on an end portion of the third connecting member, the biting connector corresponding to an end portion of the second PCB.